

# Idrosilix

Ready-to-use siloxane resin-based water-repellent protective coating particularly suitable for impregnation and hydrophobicising protection of absorbent mineral substrates from the action of driving rain while maintaining their appearance.

 BRUSH APPLICATION

 ROLLER APPLICATION

 FOR INDOOR AND OUTDOOR USE

 SINGLE-COMPONENT PRODUCT

 READY-TO-USE

 RAINWATER RESISTANT

 SPRAY APPLICATION



Use this QR code for further details on application modalities, safety sheet and other information.

**66** Product code



## Technical and physical characteristics

Package	5 l
Specific weight	0.8 kg/l
Consistency	Liquid
Appearance	Colourless
Drying time	1 h

pH	8
Density	0.95 g/cm <sup>3</sup>
Consumption	0.2 - 1 l/m <sup>2</sup> depending on substrate absorption
Temperature of use	+5°C / +35°C.
Storage period	24 months in unopened packages

## Description

Idrosilix is a water-repellent impregnating agent based on a solvent emulsion of non-film-forming silanes and siloxane, with alkali and weather resistance,

It offers excellent penetration capacity, high vapour permeability and does not alter the appearance of treated surfaces by not creating a film on them.

## Fields of application

Water-repellent product for the protection of high and medium porous surfaces, such as:

- external finishes;
- plasters and exposed bricks.
- concrete;
- exposed brickwork;
- fibre cement panels;
- external natural stones;
- cellular concrete

## Substrate preparation

Ensure that the substrate is perfectly dry, remove any dust and clean the surfaces of dirt, surface crusts and traces of release agents by thoroughly washing with hydro-washing or

hydro-sandblasting.  
Allow to dry before using Tradimalt Idrosilix.

## Product application

Apply by brush, roller or spray with low pressure sprayers. Prolong application until saturation. For complete impregnation, two coats should be applied using the fresh-on-fresh technique. If it starts raining during application, stop

the treatment and cover the already impregnated part. For poorly absorbent substrates, repeat the treatment after 16 hours.

## Advantages

Idrosilix penetrates deep into the treated surface, rapidly developing its water-repellent power, drastically reducing the substrate's ability to absorb water with the formation of unsightly whitish patches caused by water-soluble salts

extracted from masonry. It reduces dirt absorption and prevents frequent renovation work.

## Specification item

Colourless siloxane water-repellent impregnating agent Idrosilix by Tradimalt S.p.a. suitable for application over any type of absorbent synthetic or mineral-based substrate.

Suitable for outdoor use with consumption of approx. 0.2-1 l/m<sup>2</sup> depending on the absorbency of the substrate.



This is Tradimalt's way of communicating, in its information and technical-commercial material, the composition of each product and some of the product's key features. Therefore, the focus is on supply chain transparency, not required by any relevant regulation but which Tradimalt nevertheless intends to offer to its customers in order to emphasise the quality of the raw materials, and thus of the product, as well as the safety that the company intends to demonstrate with regard to formulations. The focus is therefore in the "transparency" that the company intends to manifest in the supply chain, which is not required by any current formulation law.

### Raw materials contained in the product

Selected raw materials:

- Emulsion of silanes and siloxane polymers.

### Warnings

Operating temperature +5°C to +35°C.

Protect treated surfaces from rain for at least 24 hours from application.

Avoid application in strong winds, in full sun or in the presence of surface condensation.

Dispose of waste in accordance with local regulations.

Do not apply on:

- Wet substrates
- Plaster substrates
- Horizontal surfaces
- On non-absorbent substrates (polished marble, granite)

The technical-practical information contained in the technical data sheet is the result of our most accurate and detailed scientific research and experience in the field. However, since we cannot directly influence the site conditions and the execution of the work, this information is to be considered non-binding and therefore not legally or otherwise mandatory for third parties. This information does not exempt the end user from their responsibility to test our products in order to ascertain their suitability for the intended use. We therefore strongly advise the customer/applicator to carry out the appropriate preventive tests of Tradimalt products so that their suitability can be ascertained.